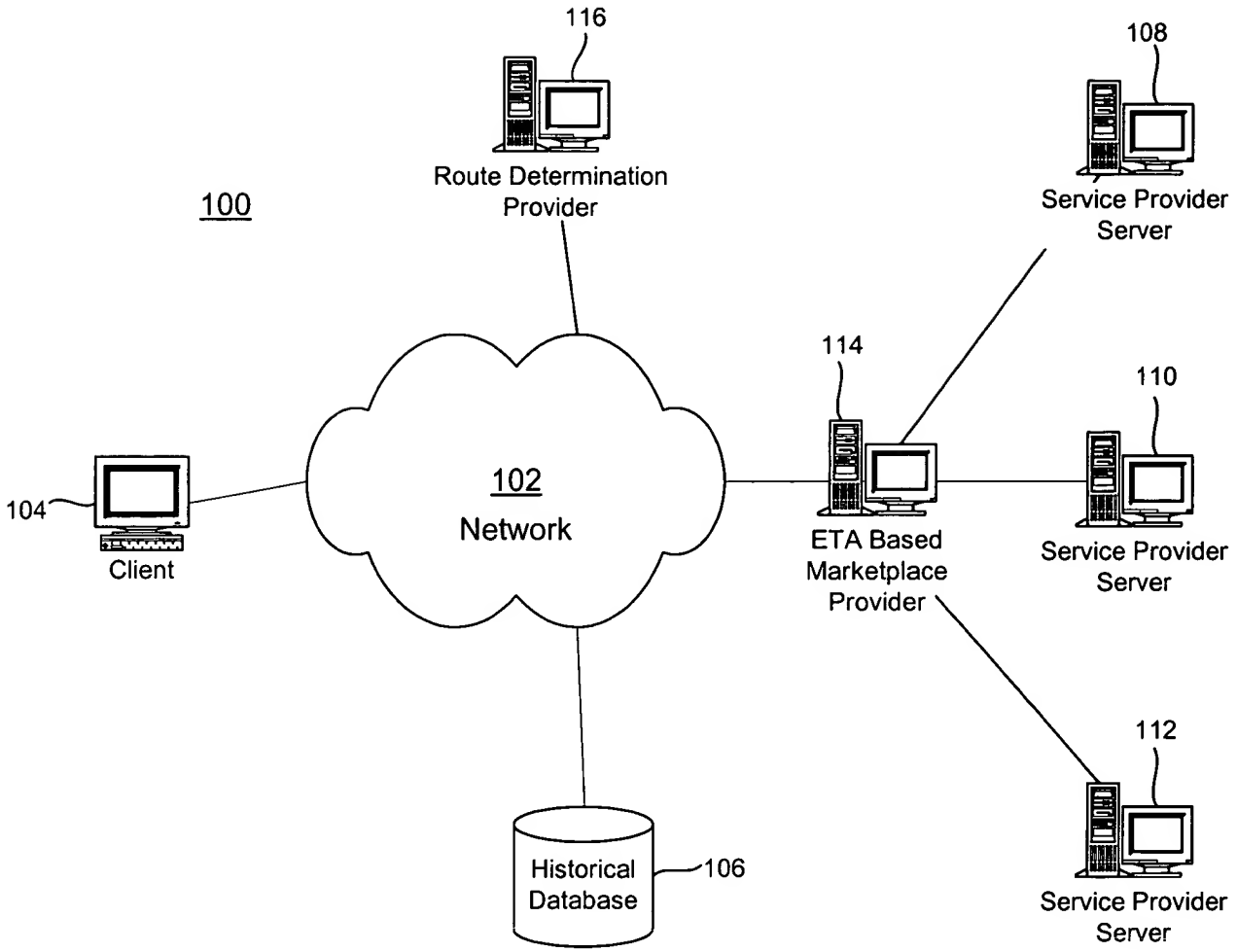

116
Route Determination Provider
100
108
Service Provider Server
114
110
102
Network
104
Client
ETA Based Marketplace Provider
Service Provider Server
112
Historical Database
106
Service Provider Server

Figure 1

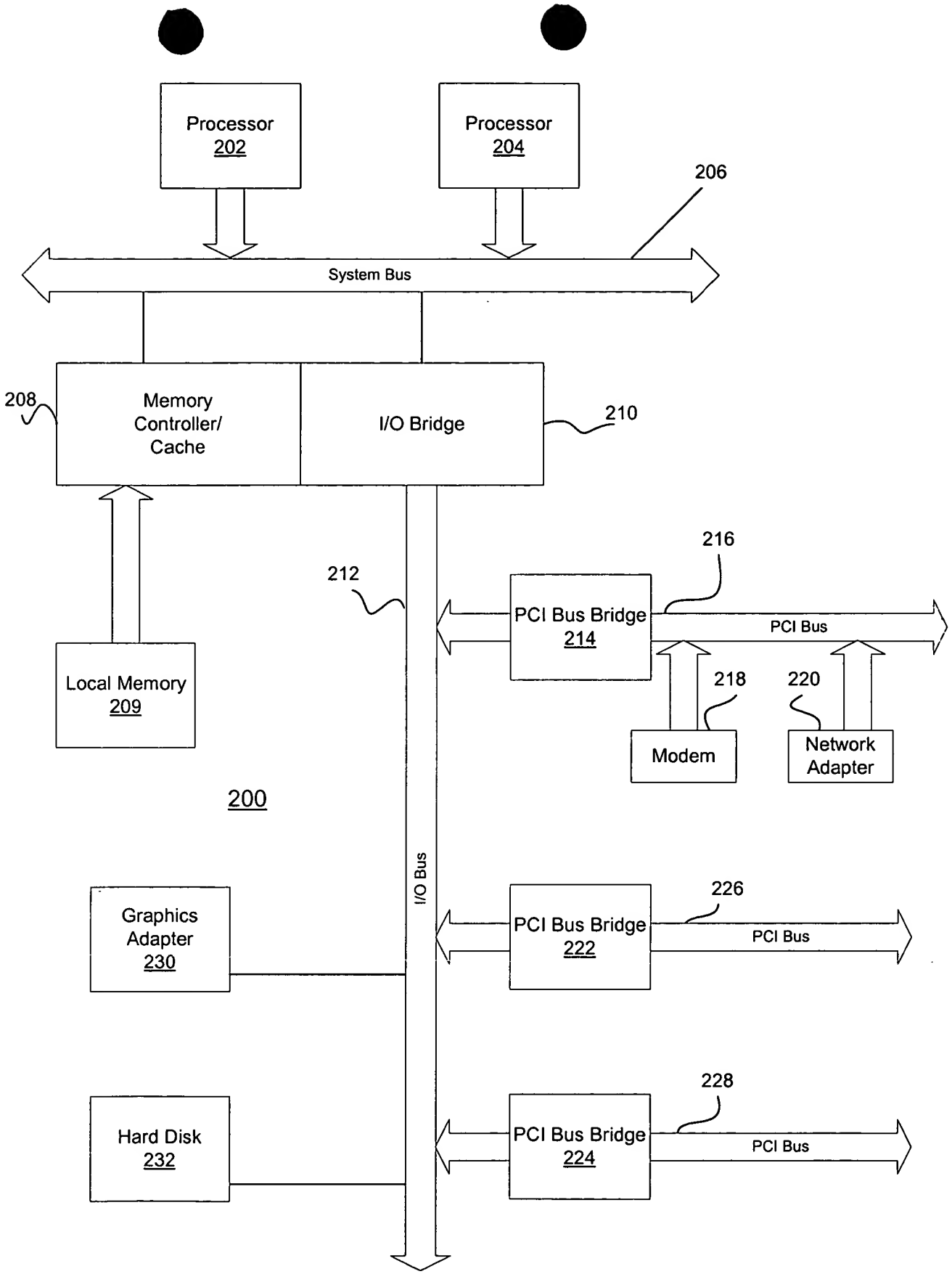

Processor
202
Processor
204
206
System Bus
208
Memory
Controller/
Cache
I/O Bridge
210
212
216
PCI Bus Bridge
214
PCI Bus
Local Memory
209
218
220
Modem
Network
Adapter
200
I/O Bus
Graphics
Adapter
230
226
PCI Bus Bridge
222
PCI Bus
Hard Disk
232
228
PCI Bus Bridge
224
PCI Bus

Figure 2

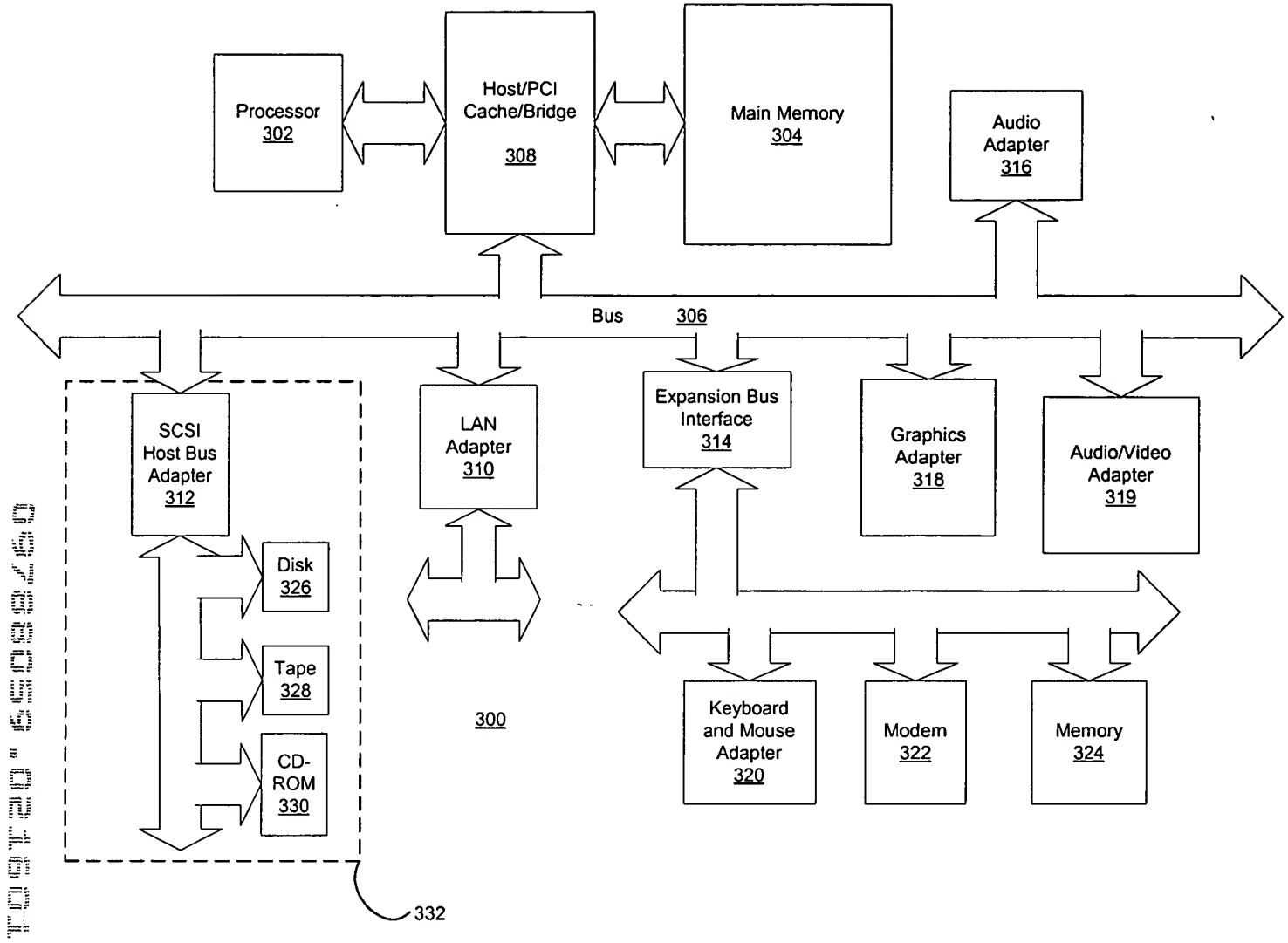

Processor
302
Host/PCI
Cache/Bridge
308
Main Memory
304
Audio
Adapter
316
Bus
306
SCSI
Host Bus
Adapter
312
LAN
Adapter
310
Expansion Bus
Interface
314
Graphics
Adapter
318
Audio/Video
Adapter
319
Disk
326
Tape
328
CD-
ROM
330
300
Keyboard
and Mouse
Adapter
320
Modem
322
Memory
324
332

Figure 3

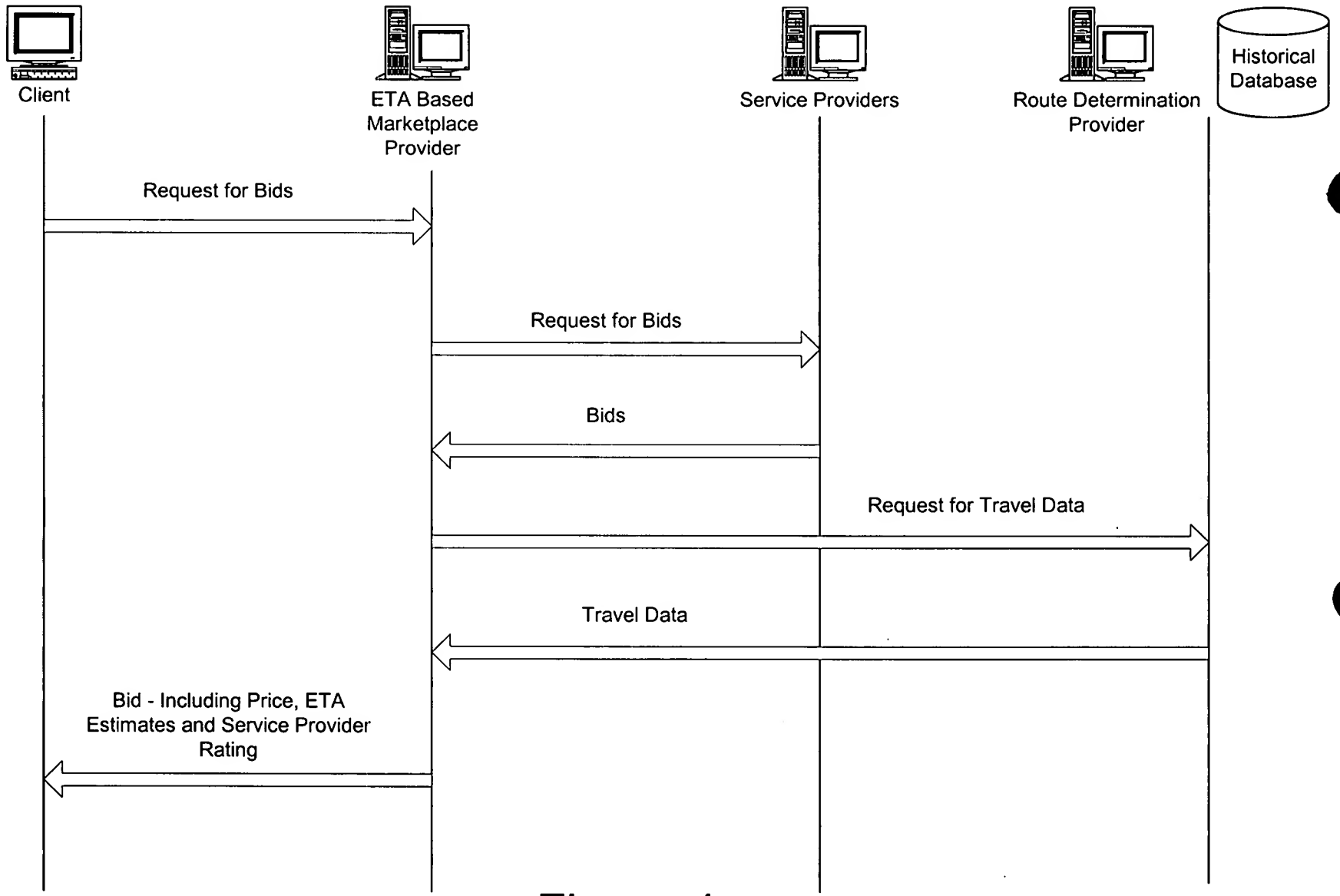

Client
ETA Based Marketplace Provider
Service Providers
Route Determination Provider
Historical Database
Request for Bids
Request for Bids
Bids
Request for Travel Data
Travel Data
Bid - Including Price, ETA Estimates and Service Provider Rating

Figure 4

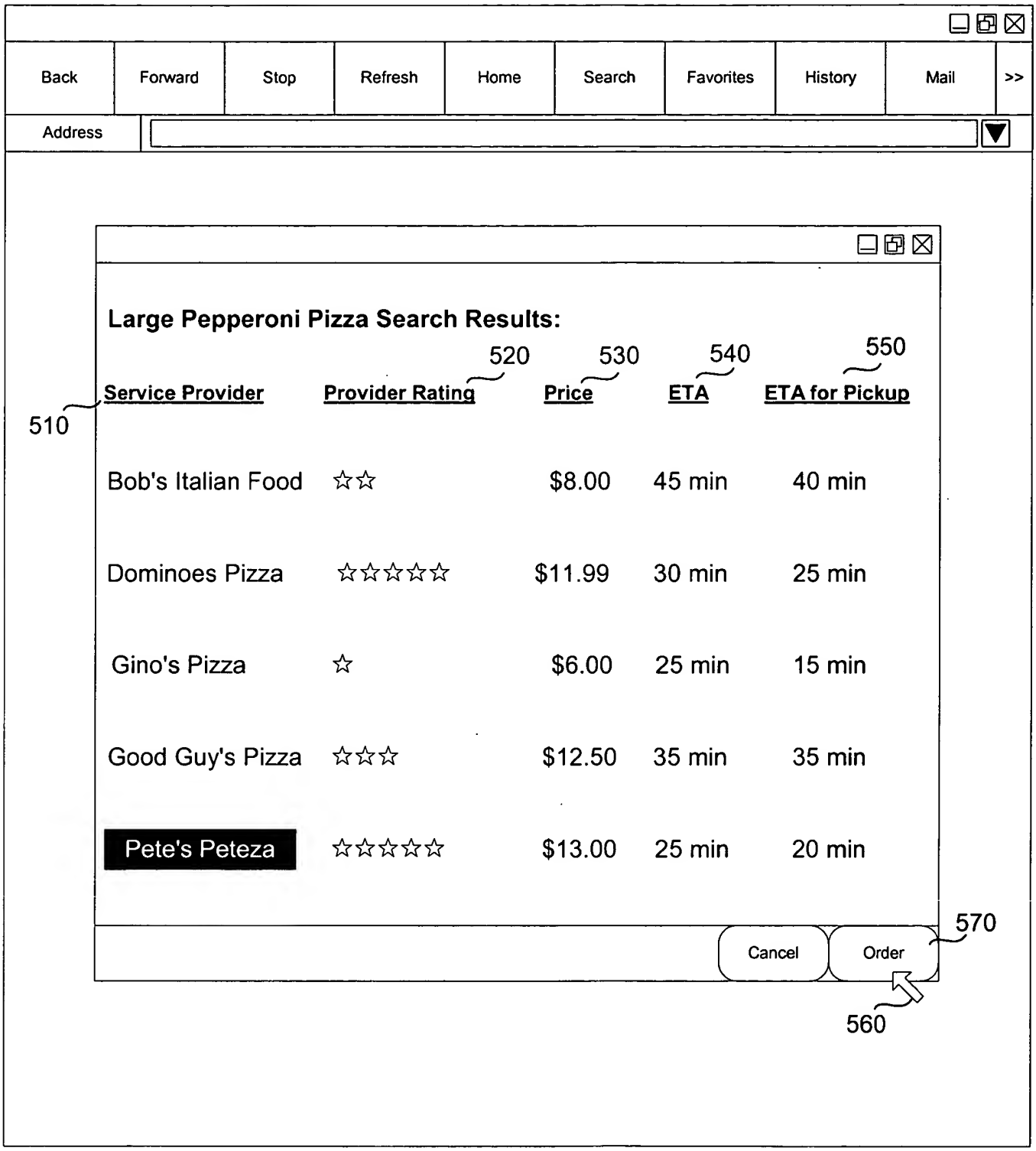

Back
Forward
Stop
Refresh
Home
Search
Favorites
History
Mail
>>
Address
Large Pepperoni Pizza Search Results:
510
520
530
540
550
Service Provider
Provider Rating
Price
ETA
ETA for Pickup
Bob's Italian Food ☆☆ $8.00 45 min 40 min
Dominoes Pizza ☆☆☆☆☆ $11.99 30 min 25 min
Gino's Pizza ☆ $6.00 25 min 15 min
Good Guy's Pizza ☆☆☆ $12.50 35 min 35 min
Pete's Peteza ☆☆☆☆☆ $13.00 25 min 20 min
Cancel
Order
570
560

Figure 5

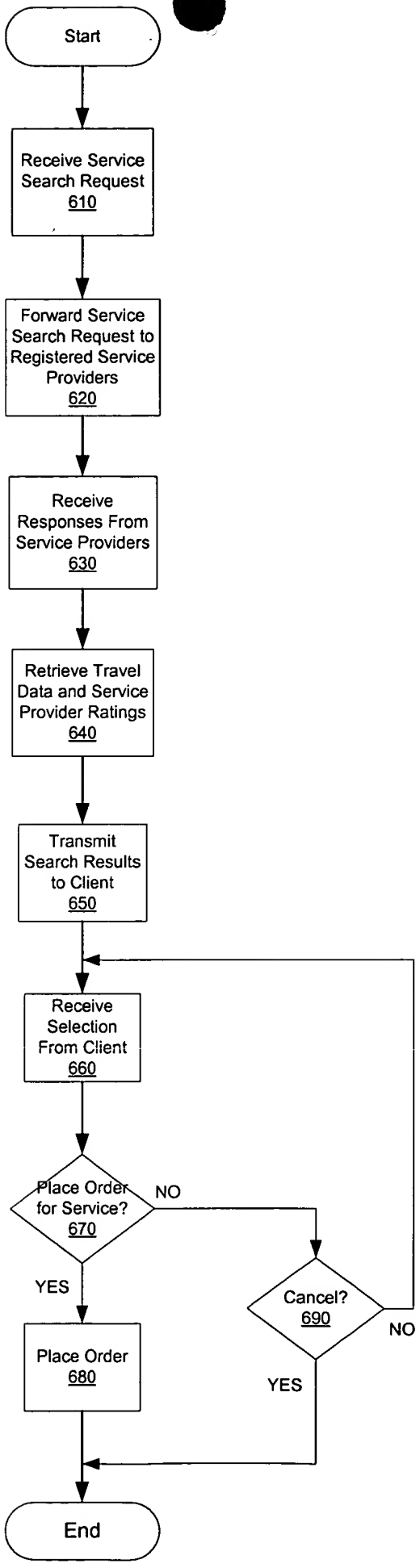
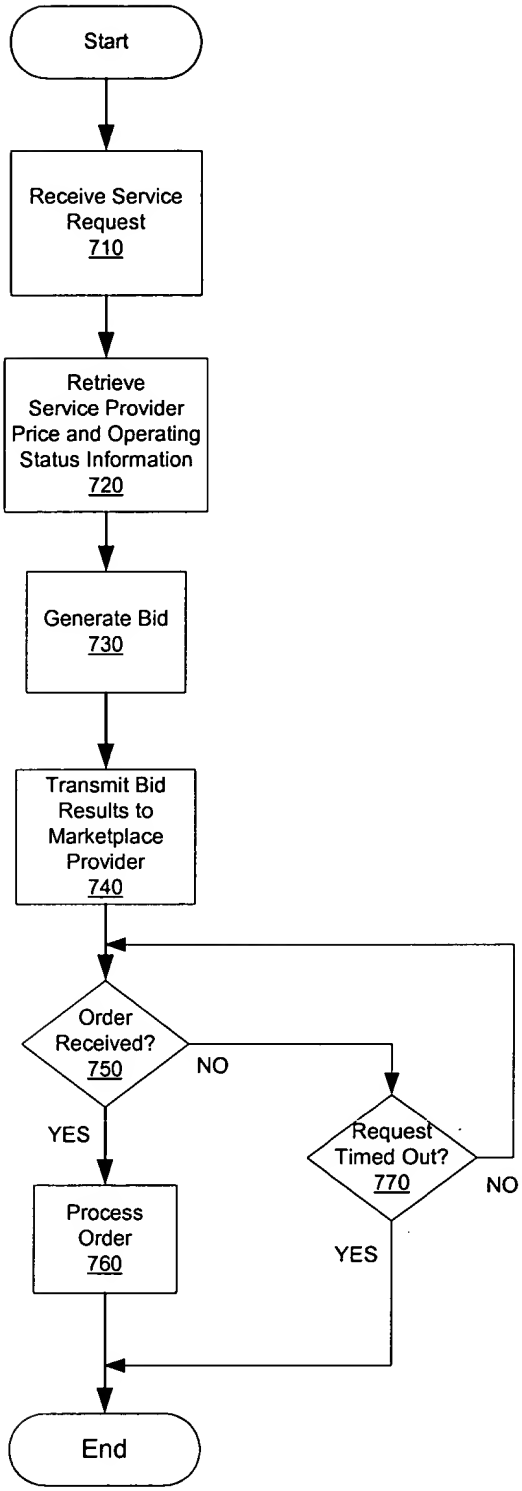

Start
Receive Service Search Request 610
Forward Service Search Request to Registered Service Providers 620
Receive Responses From Service Providers 630
Retrieve Travel Data and Service Provider Ratings 640
Transmit Search Results to Client 650
Receive Selection From Client 660
Place Order for Service? 670
NO
YES
Cancel? 690
NO
YES
Place Order 680
End

Figure 6

Figure 7


Start
Receive Service Request 710
Retrieve Service Provider Price and Operating Status Information 720
Generate Bid 730
Transmit Bid Results to Marketplace Provider 740
Order Received? 750
NO
YES
Request Timed Out? 770
NO
YES
Process Order 760
End